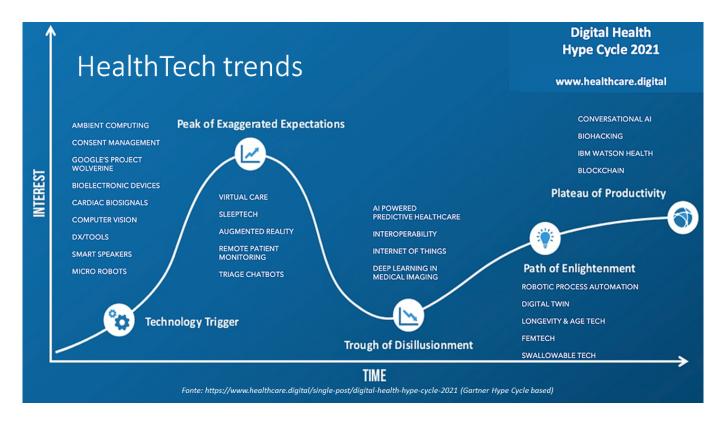
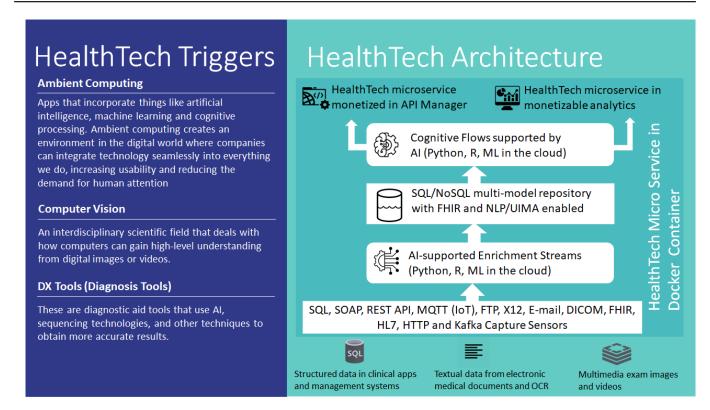
Article
Yuri Marx · Jun 24, 2021 1m read

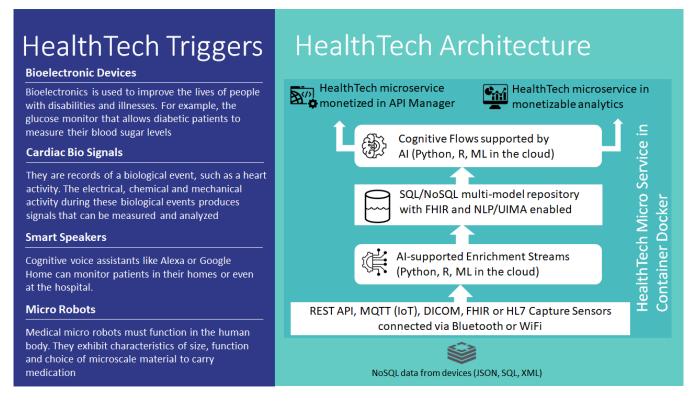
## HealthTech Trends

The healthcare technology market is in strong evolution. Gartner's wave chart for healthcare technologies demonstrates what these technologies are, very well reflected by healthcare.digital. I call this HealthTech See:

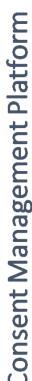


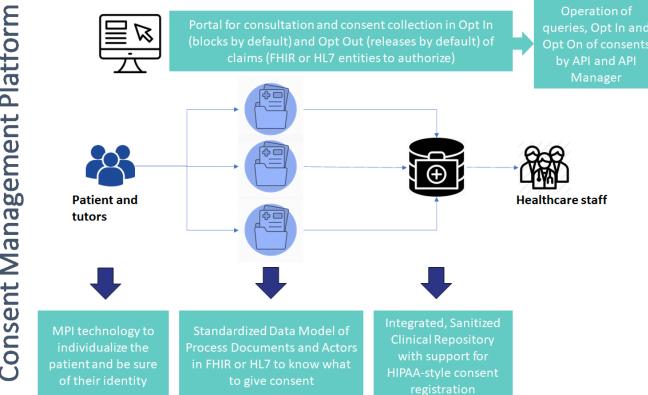
These technologies can use InterSystems technologies (ISC Health Tech), see:

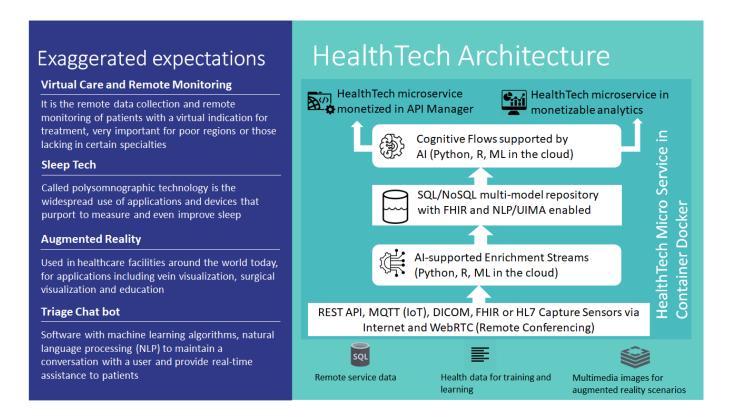




Consent Management uses InterSystems Healthshare Stack to do MPI and consent management, see:







# Enlightenment

#### **Robotic Process Automation**

RPA is a digital worker. It automates work processes, performing the same computer tasks as a human being would.

#### **Digital Twin**

Known as a digital twin, it is a digital replica of a product, service or process. Provides personalized data-based medicine.

#### Longevity, Age Tech

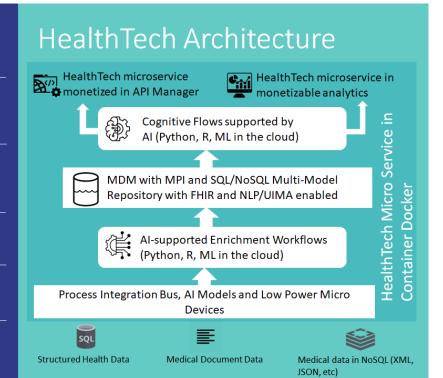
Processes that operate at the cellular level to delay aging

#### Fem Tech

Software, diagnostics, products and services that use technology focused on women's health

#### Swallowable Tech

Ingestible sensors housed in tablets designed for patients to adhere to prescribed medications. The sensors are energized by the patient's bowel that swallows them.



# Plateau

## Conversational AI

Al conversacional se refere ao uso de aplicativos de mensagens, assistentes baseados na fala e chatbots para automatizar a comunicação e criar experiências personalizadas do cliente em escala

#### **BioHacking**

Biohacking is a practice that can lead to big changes in our lives. You could call it citizen biology or do it yourself. It takes place in small laboratories, mostly non-university - where all kinds of people come together to explore biology.

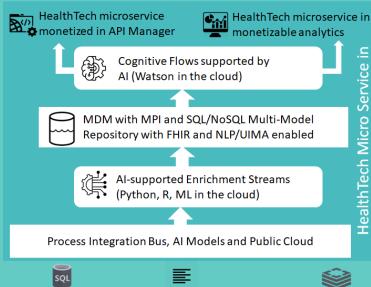
#### **IBM Watson Health**

IBM Watson Health solutions are designed to enhance the human experience and improve clinical and operational workflows

### Blockchain in Healthcare

Show promise for solving problems such as the use of EHR data distribution and interoperability across the country

# HealthTech Architecture



Structured Health Data

Medical Document Data

Medical data in NoSQL (XML,

HealthTech Micro Service in

Container Docker

ISON, etc)

# IRIS and Health Tech

#### **Database**

- · SQL with ORM for ObjectScript
- NoSQL to JSON Doc
- DBAnalytics with MDX cubes
- Shard Support
- Corporate Cache ECP
- RBAC, Encryption and Labeling
- Transanalytic and Data Lake
- JDBC, ODBC or Native Access

#### **Classic Analytics**

- BI/Analytics
- ETL (BPL/DTL)
- · Panels, Analysis and Hierarchical Pivots
- SQL Access, MDX and Power BI Connectors
- · Built-in Reports and Reports
- UIMA Analysis of unstructured contente
- · Semantic and sentiment analysis
- Real-time or scheduled analytics
- User Portal



#### Interoperability

- REST API and Management API
- Data Bus SOA, EAI, ESB
- Integration and EDI Adapters
- Flow Automation BPL and DTL, Rules
- Native Integration with Java, .NET, C, Python and JavaScript
- MFT Managed File Transfer
- Messaging, Events and JMS
- IoT with MQTT/API

#### **Advanced Analytics**

- AutoML IntegratedML
- AutoML H2O, Data
- Robot or InterSystems
- IA/ML with R or Python
- NLP Natural Language Processing
- Statistics in R, Python and ObjectScript
- Data Bus and Cognitive Flows
- Text Analytics
- PMML
- Adaptive Operational Analytics (AtScale)

## DevOps | On-premises or in the public cloud | Any Language

#InterSystems Business Solutions and Architectures #InterSystems IRIS for Health

Source URL: https://community.intersystems.com/post/healthtech-trends